

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Previously presented) A method of arranging data synchronization of at least one application in a networked system comprising at least one terminal, at least one synchronization server, a first database in the terminal, and a second database, the method comprising:

forming a configuration message comprising data required for the application data synchronization, said data comprising settings of at least the second database;

transmitting said configuration message from the synchronization server to the terminal;

storing said data to a memory medium;

retrieving at least part of said data as a response to a need for a synchronization service;

initializing the synchronization using a synchronization connection between the terminal and the synchronization server and at least part of said data retrieved from the memory medium, and

synchronizing data of at least the first database and the second database using at least part of said data.

2. (Original) A method according to claim 1, wherein the settings of said at least second database comprise at least the name of the second database, the data on the content types supported, and an address, such a URI indicator, and

at least said address is transmitted in the initialization of the synchronization session preceding the data synchronization from the terminal to the synchronization server as a response to the need to synchronize data of the second database.

3. (Original) A method according to claim 1, wherein said data further comprises user text, and

the user text is displayed to the user of the terminal.

4. (Original) A method according to claim 1, wherein said data further comprises settings defining the timing of the synchronization, and

the formation of the synchronization connection and the initialization of the synchronization is started from the terminal at the moment of time according to said settings.

5. (Original) A method according to claim 1, wherein said configuration message comprises at least one field which defines whether said data is new, replacing previous data or complementary.

6. (Original) A method according to claim 1, wherein said configuration message is an XML document in a binary or text format.

7. (Original) A method according to claim 1, wherein said configuration message is transmitted using one or more of the following protocols: SMS, OBEX, HTTP, or WAP.

8. (Original) A method according to claim 1, wherein the data transmission between the synchronization server and the wireless terminal is based on the WAP protocol stack;

and the initialization of the synchronization session and the synchronization is based on the SyncML synchronization protocol performed on top of the WAP protocol stack.

9. (Original) A method according to claim 1, wherein said data comprises settings of a plurality of databases; and

data of at least the first database and said plurality of databases is synchronized using at least part of said data.

10. (Previously presented) A telecommunications system comprising at least one terminal, at least one synchronization server, a first database in the terminal, and a second database, in which system:

the synchronization server is configured to form a configuration message comprising data required for the application data synchronization, said data comprising settings of at least the second database;

the synchronization server is configured to transmit said configuration message to the terminal;

the terminal is configured to store said data in the received configuration message to a memory medium;

the terminal is configured to retrieve at least part of said data as a response to a need for a synchronization service;

the terminal and the synchronization server are configured to establish a synchronization connection between the terminal and the synchronization server for the performance of the synchronization,

the terminal and the synchronization server are configured to initialize the synchronization using the configured synchronization connection and at least part of said data; and

the synchronization server is configured to synchronize data of at least the first database and the second database using at least part of said data.

11. (Original) A telecommunications system according to claim 10, wherein said data comprises at least one of the following:

- settings relating to the timing of the start of the synchronization;
- the name and address of at least the second database, and the data on the content types supported by it;
- user text, which is displayed to the user in the terminal;
- information on the synchronization server.

12. (Previously presented) A synchronization server configured to synchronize application data of at least a first database of a terminal and a second database, wherein said synchronization server is further configured

to form a configuration message comprising data required for the application data synchronization, said data comprising settings of at least the second database;

to transmit said configuration message from the synchronization server to the terminal;

to initialize synchronization, using an arranged synchronization connection and at least part of said data transmitted by the terminal during the initialization, and

to synchronize data of at least the first database and the second database using at least part of said data.

13. (Original) A synchronization server according to claim 12, wherein said data comprises at least one of the following:

- settings relating to the timing of the start of the synchronization;
- the name and address of at least the second database, and the data on the content types supported by it;
- user text to be displayed to the user;
- data of the synchronization server.

14. (Previously presented) A telecommunications device configured to arrange application data synchronization of a first database in the telecommunications device with at least one synchronization server and a second database, whereby said telecommunications device is configured

to receive at least one configuration message comprising data required for the application data synchronization from the synchronization server, said data comprising settings of at least the second database;

to store said data in its memory;

to retrieve at least part of said data as a response to a need for a synchronization service;

to establish a synchronization connection between the telecommunications device and the synchronization server to perform the synchronization; and

to initialize synchronization with the synchronization server using at least part of said data retrieved from memory.

15. (Original) A telecommunications device according to claim 14, wherein said data further comprises settings defining the timing of the synchronization; and

the telecommunications device is configured to start the formation of the synchronization connection and the initialization of the synchronization at the moment of time according to said settings.

16. (Original) A telecommunications device according to claim 14, wherein said data further comprises user text; and

the telecommunications device is configured to display the user text to the user of the telecommunications system.

17. (Original) A telecommunications device according to claim 14, wherein said settings of at least the second database comprise at least the name of the database, the data on the content types supported, and an address, such as a URI indicator; and

the telecommunications device is configured to transmit in the initialization of the synchronization at least said address to the synchronization server as a response to the need to synchronize data of said database.

18. (Original) A telecommunications device according to claim 14, wherein the telecommunications device is wireless and supports the WAP protocol and the SyncML synchronization protocol performed on top of the WAP protocol;

the telecommunications device is configured to communicate with the synchronization server using the WAP protocol; and

the client agent of the telecommunications device is configured to communicate with the server agent of the synchronization server in accordance with the SyncML synchronization protocol.

19. (Previously presented) A computer program, which can be loaded into the internal memory of a telecommunications device comprising at least a first database and comprises code to be executed in the telecommunications device for causing the telecommunications device to:

- receive at least one configuration message comprising data required for the application data synchronization, said data comprising at least settings of the second database;

- store said data in its memory;

- arrange a synchronization connection between the telecommunications device and the synchronization server to perform the synchronization;

- retrieve at least part of said data as a response to a need for a synchronization service; and

- initialize synchronization with the synchronization server using at least part of said data retrieved from the memory.

20. (Previously presented) A computer-readable data storage medium, wherein said data storage medium comprises a computer program which can be loaded into an internal memory of a telecommunications device comprising at least a first database and comprises code to be executed in the telecommunications device for causing the telecommunications device to:

- receive at least one configuration message comprising data required for the application data synchronization, said data comprising at least settings of the second database;

store said data in its memory;
arrange a synchronization connection between the telecommunications device and the synchronization server to perform the synchronization;
retrieve at least part of said data as a response to a need for a synchronization service; and
initialize synchronization with the synchronization server using at least part of said data retrieved from the memory.

21. (Previously presented) A computer program which can be loaded into an internal memory of a computer functioning as a synchronization server, wherein said computer program comprises code to be executed in the synchronization server for causing the synchronization server to:

form a configuration message comprising data required for the application data synchronization, which said data comprises settings of at least a second database;
transmit said configuration message from the synchronization server to at least one terminal;
initialize synchronization using the configured synchronization connection and at least part of said data transmitted by the terminal during the initialization; and
synchronize data of at least a first database and the second database using at least part of said data.

22. (Previously presented) A computer-readable data storage medium, wherein

said data storage medium comprises a computer program which can be loaded into an internal memory of a computer functioning as a synchronization server, wherein said computer program comprises code to be executed in the synchronization server for causing the synchronization server to:

form a configuration message comprising data required for the application data synchronization, which said data comprises settings of at least a second database;

transmit said configuration message from the synchronization server to at least one terminal;

initialize synchronization using the configured synchronization connection and at least part of said data transmitted by the terminal during the initialization; and

synchronize data of at least a first database and the second database using at least part of said data.

23. (New) A computer program according to claim 19, wherein the initialization of the synchronization is arranged in accordance with SyncML synchronization protocol.

24. (New) A computer-readable data storage medium according to claim 20, wherein the initialization of the synchronization is arranged in accordance with SyncML synchronization protocol.

25. (New) A computer program according to claim 21, wherein the initialization of the synchronization is arranged in accordance with SyncML synchronization protocol.

26. (New) A computer-readable data storage medium according to claim 22, wherein the initialization of the synchronization is arranged in accordance with SyncML synchronization protocol.

27. (New) An apparatus comprising a processing unit configured to:

form a configuration message comprising data required for application data synchronization, said data comprising settings of at least a second database;

transmit said configuration message to a client;

initialize synchronization, using an arranged synchronization connection and at least part of said data transmitted by the client during the initialization; and

synchronize data of at least a first database and the second database using at least part of said data.

28. (New) An apparatus according to claim 27, wherein the settings of said at least second database comprise at least a name of the second database, data on the content types supported, and an address, such a URI indicator, and

at least said address is transmitted in the initialization of the synchronization preceding the data synchronization from the client to the apparatus as a response to a need to synchronize data of the second database.

29. (New) An apparatus according to claim 27, wherein said data further comprises user text, and

the user text is displayed to the user of the client.

30. (New) An apparatus according to claim 27, wherein said data further comprises settings defining the timing of the synchronization, and

formation of the synchronization connection and the initialization of the synchronization is started from the client at the moment of time according to said settings.

31. (New) An apparatus according to claim 27, wherein said configuration message comprises at least one field which defines whether said data is new, replacing previous data or complementary.

32. (New) An apparatus according to claim 27, wherein said configuration message is an XML document in a binary or text format.

33. (New) An apparatus according to claim 27, wherein said configuration message is transmitted using one or more of the following protocols: SMS, OBEX, HTTP, or WAP.

34. (New) An apparatus according to claim 27, wherein the initialization of the synchronization and the synchronization is based on SyncML synchronization protocol.

35. (New) An apparatus according to claim 27, wherein said data comprises settings of a plurality of databases; and

data of at least the first database and said plurality of databases is synchronized using at least part of said data.

36. (New) An apparatus comprising a processing unit configured to:

receive at least one configuration message comprising data required for application data synchronization from a synchronization server, said data comprising settings of at least a second database;

store said data in a memory;

retrieve at least part of said data as a response to a need for a synchronization service;

establish a synchronization connection with the synchronization server to perform the synchronization; and

initialize synchronization with the synchronization server using at least part of said data retrieved from the memory.

37. (New) An apparatus according to claim 36, wherein the settings of said at least second database comprise at least a name of the second database, data on the content types supported, and an address, such a URI indicator, and

at least said address is transmitted in the initialization of the synchronization preceding data synchronization from the apparatus to the synchronization server as a response to a need to synchronize data of the second database.

38. (New) An apparatus according to claim 36, wherein said data further comprises user text, and

the user text is displayed to the user of the apparatus.

39. (New) An apparatus according to claim 36, wherein said data further comprises settings defining the timing of the synchronization, and

formation of the synchronization connection and the initialization of the synchronization is started from the apparatus at the moment of time according to said settings.

40. (New) An apparatus according to claim 36, wherein said configuration message comprises at least one field which defines whether said data is new, replacing previous data or complementary.

41. (New) An apparatus according to claim 36, wherein said configuration message is an XML document in a binary or text format.

42. (New) An apparatus according to claim 36, wherein said configuration message is transmitted using one or more of the following protocols: SMS, OBEX, HTTP, or WAP.

43. (New) An apparatus according to claim 36, wherein the initialization of the synchronization and the synchronization is based on SyncML synchronization protocol.

44. (New) An apparatus according to claim 36, wherein said data comprises settings of a plurality of databases; and

data of at least the first database and said plurality of databases is synchronized using at least part of said data.